

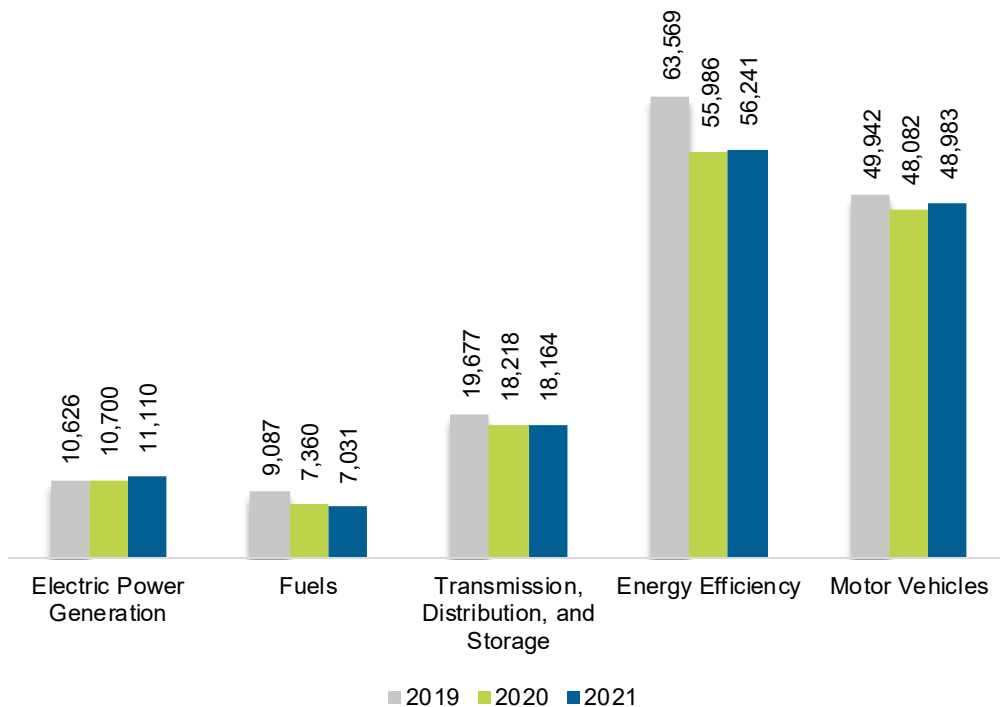
Wisconsin

ENERGY AND EMPLOYMENT — 2022

Overview

Wisconsin had 141,530 energy workers statewide in 2021, representing 1.8% of all U.S. energy jobs. Of these energy jobs, 11,110 are in electric power generation; 7,031 in fuels; 18,164 in transmission, distribution, and storage; 56,241 in energy efficiency; and 48,983 in motor vehicles. From 2020 to 2021, energy jobs in the state increased by 1,183 jobs, or 0.8%. The energy sector in Wisconsin represents 5.1% of total state employment.

Figure WI-1.
Employment by Major Energy Technology Application

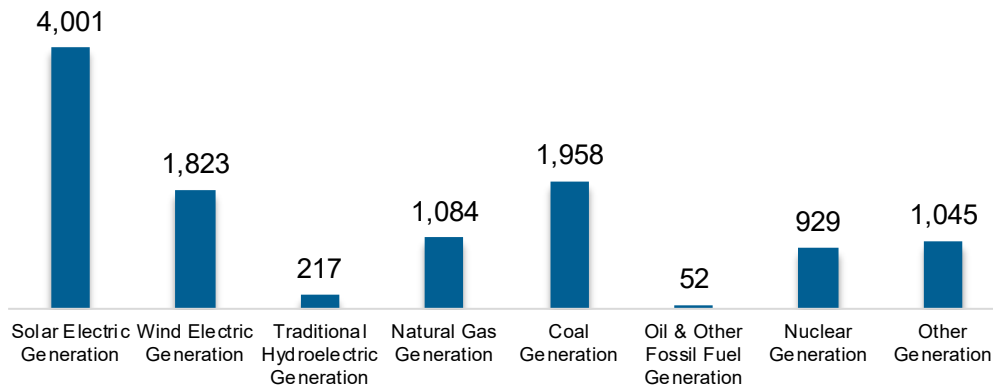


Breakdown by Technology Applications

Electric Power Generation

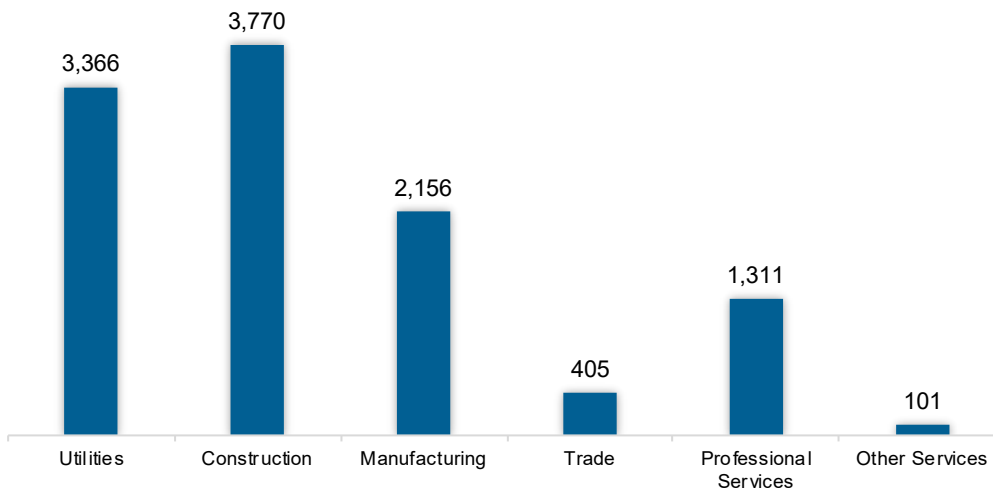
The electric power generation sector employed 11,110 workers in Wisconsin, 1.3% of the national electricity total, and added 410 jobs over the past year (3.8%).

Figure WI-2.
Electric Power Generation Employment by Detailed Technology Application



Construction work represents the largest industry sector in the electric power generation sector, with 33.9% of jobs. Utilities is second largest with 30.3%.

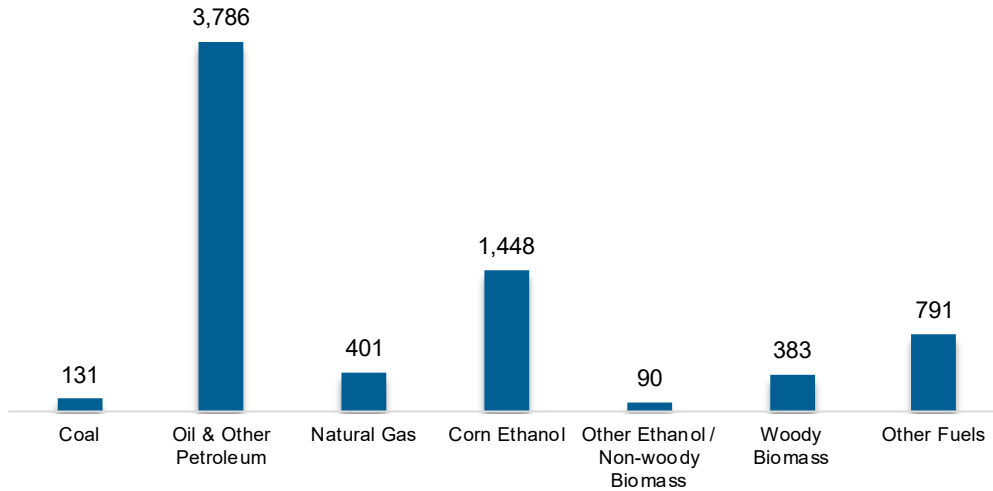
Figure WI-3.
Electric Power Generation Employment by Industry Sector



Fuels

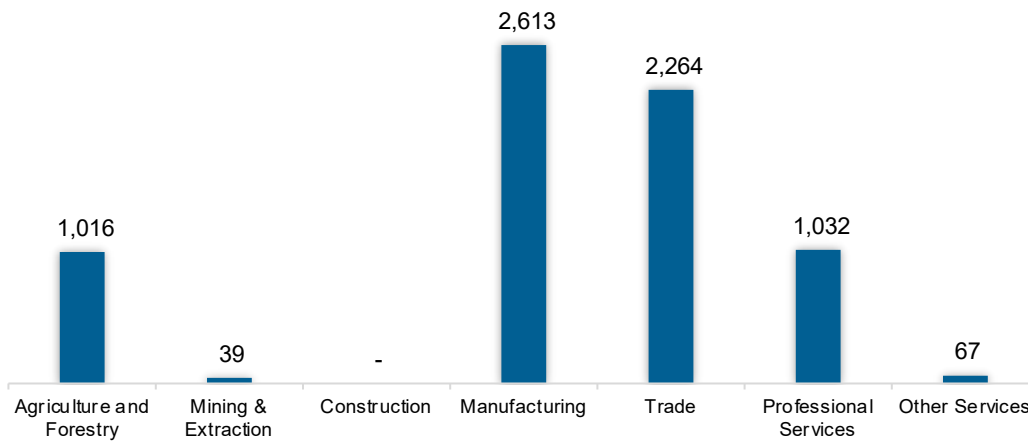
The fuel sector employed 7,031 workers in Wisconsin, 0.8% of the national total in fuels. The sector lost 329 jobs and decreased 4.5% in the past year.

Figure WI-4.
Fuels Employment by Detailed Technology Application



Manufacturing jobs represent 37.2% of fuel jobs in Wisconsin.

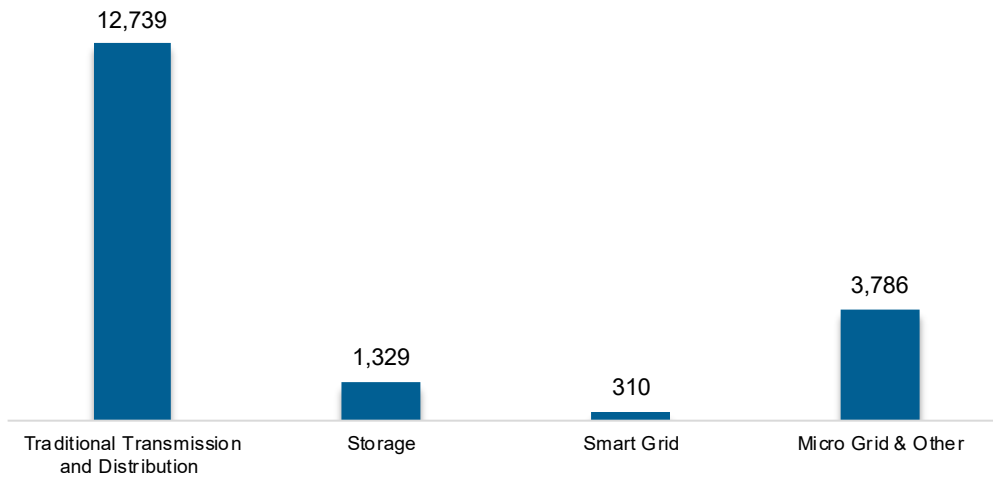
Figure WI-5.
Fuels Employment by Industry Sector



Transmission, Distribution and Storage

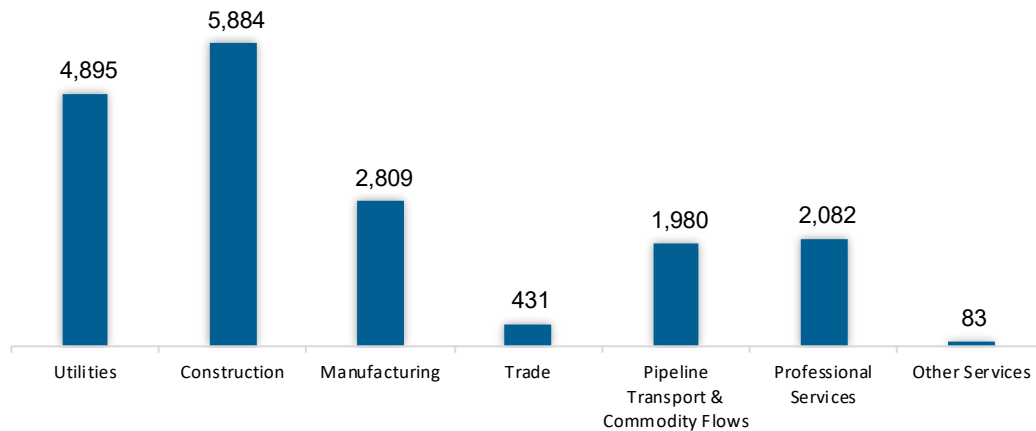
The transmission, distribution, and storage (TDS) sector employed 18,164 workers in Wisconsin, 0.8% of the national TDS total. The sector lost 54 jobs and decreased 0.3% in the past year.

Figure WI-6.
Transmission, Distribution and Storage Employment by Detailed Technology



Construction work represents the greatest proportion of TDS jobs in Wisconsin, accounting for 32.4% of the sector's jobs statewide.

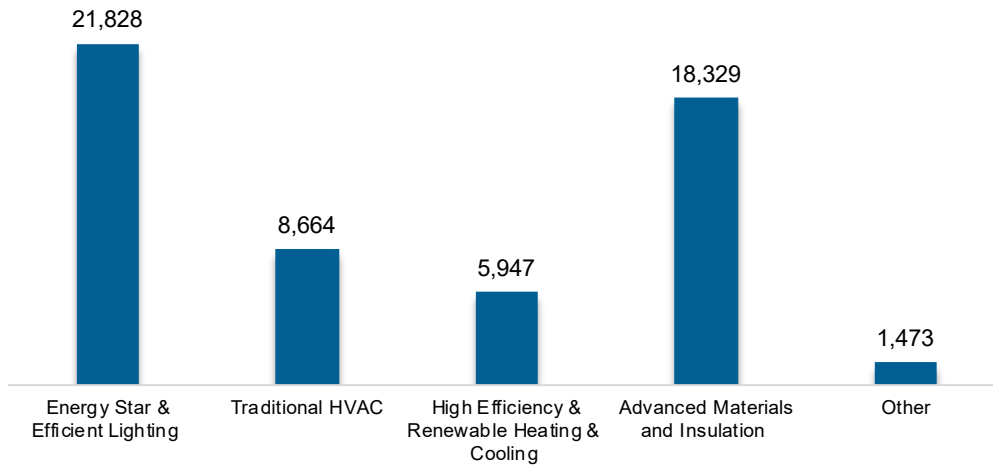
Figure WI-7.
Transmission, Distribution and Storage Employment by Industry Sector



Energy Efficiency

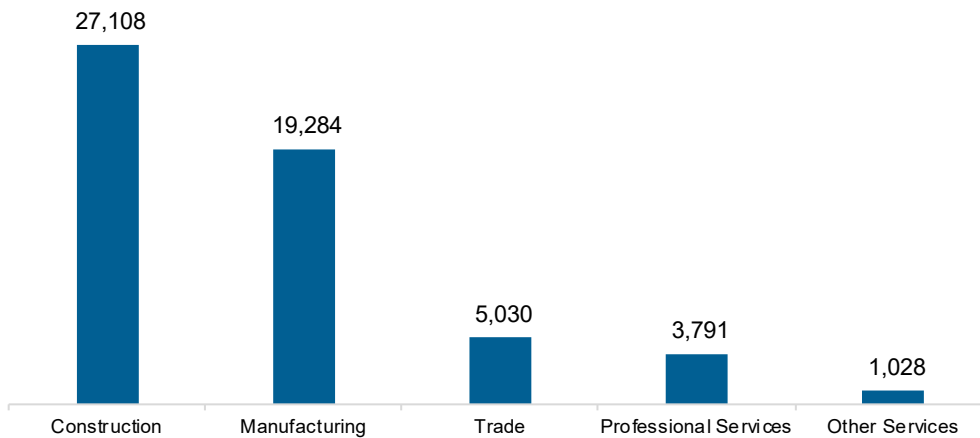
The energy efficiency (EE) sector employed 56,241 workers in Wisconsin, 2.6% of the national EE total. The EE sector added 255 jobs and increased 0.5% in the past year.

Figure WI-8.
Energy Efficiency Employment by Detailed Technology Application



EE employment is primarily found in the construction industry.

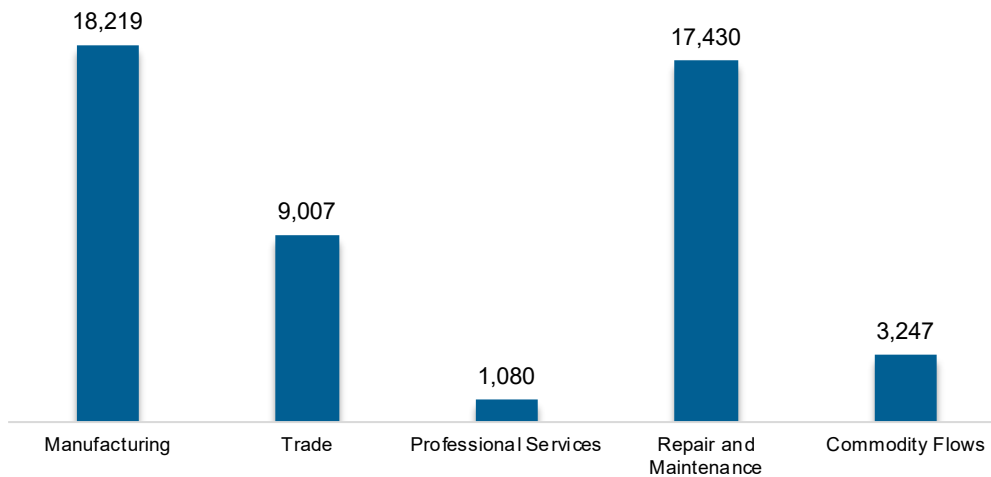
Figure WI-9.
Energy Efficiency Employment by Industry Sector



Motor Vehicles and Component Parts

The motor vehicles and component sector employed 48,983 workers in Wisconsin, 1.9% of the national total for the sector. Motor vehicles and component parts added 901 jobs and increased 1.9% in the past year. Manufacturing work represents the largest proportion of motor vehicle jobs.

Figure WI-10.
Motor Vehicle Employment by Industry Sector



Workforce Characteristics

Employer Growth

Employers in Wisconsin are more optimistic than their peers across the country about energy sector job growth over the next year.

Table WI-1
Projected Growth by Major Technology Application

Technology	State Projected Growth Next 12 Months (percent)	U.S. Projected Growth Next 12 Months (percent)
Electric Power Generation	3.8	2.2
Electric Power Transmission, Distribution, and Storage	3.2	1.1
Energy Efficiency	3.5	1.7
Fuels	4.2	3.0
Motor Vehicles	4.3	3.2

Hiring Difficulty

Employers in Wisconsin reported 49.3% overall hiring difficulty.

Table WI-2
Hiring Difficulty

Hiring Difficulty	Very Difficult (percent)	Somewhat Difficult (percent)	Not at All Difficult (percent)	Did Not Hire (percent)	Overall Hiring Difficulty
Overall	22.2	27.1	8.7	41.9	49.3